



Name _____

Date _____

KIDS SCIENCE NEWS NETWORK

PURPOSE

To understand static electricity

MATERIALS

small piece of paper
comb
balloon
small stream of water (as from a faucet)
journal and pencil

Electrically Charged Activities

PROCEDURE

1. Tear the paper into tiny pieces.
2. Comb through your hair several times and place the comb near the paper pieces.
3. Observe and record your observations in your journal.
4. Blow up the balloon and rub the balloon on your head.
5. Place the balloon near the paper pieces.
6. Observe and record.
7. Turn on the faucet and adjust the stream of water until it is just a small narrow stream.
8. Rub the balloon again on your head and hold it near the stream of water.
9. Observe and record.
10. Rub the balloon on your head one more time and try to stick the balloon to the wall.
11. Observe and record.
12. Experiment with different objects such as salt, puffed rice, or sugar.

CONCLUSION

1. What happened to the pieces of paper when you brought the comb and balloon near? Explain why.
2. Did the paper pieces stay attracted to the balloon? Why or why not?
3. What happened to the stream of water when the balloon came near? Explain why.
4. Repeat step 10 and time how long the balloon stays stuck to the wall. Why did it eventually fall off?
